

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PD 483 CIP	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, Item 5 below.</small>	
International application No. PCT/US2004/022964	International filing date (day/month/year) 16/07/2004	(Earliest) Priority Date (day/month/year) 21/07/2003
Applicant CUBIC CORPORATION		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report
 - a. With regard to the language, the international search was carried out on the basis of the International application in the language in which it was filed, unless otherwise indicated under this item.
 - The international search was carried out on the basis of a translation of the International application furnished to this Authority (Rule 23.1(b)).
 - b. With regard to any nucleotide and/or amino acid sequence disclosed in the International application, see Box No. I.
 2. Certain claims were found unsearchable (See Box II).
 3. Unity of invention is lacking (see Box III).
4. With regard to the title,
 - the text is approved as submitted by the applicant.
 - the text has been established by this Authority to read as follows:
5. With regard to the abstract,
 - the text is approved as submitted by the applicant.
 - the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this International search report, submit comments to this Authority.
6. With regard to the drawings,
 - a. the figure of the drawings to be published with the abstract is Figure No. 1
 - as suggested by the applicant.
 - as selected by this Authority, because the applicant failed to suggest a figure.
 - as selected by this Authority, because this figure better characterizes the invention.
 - b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/022964A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 GD7F17/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 GD7F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/29774 A (CUBIC CORP) 26 April 2001 (2001-04-26) abstract page 1, line 9 - page 5, line 2 page 5, line 31 - page 11, line 30 page 13, line 17 - page 16, line 4 figures 1-3	1-20
A	EP 0 597 135 A (SCHEIDT & BACHMANN GMBH) 18 May 1994 (1994-05-18) abstract column 1, line 1 - column 2, line 46 column 3, line 1 - column 5, line 22 figure 1	6,14,15

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier documents not published on or after the International filing date
- *L* document which may show doubts on priority claim(s) or which is used to establish the publication date of another citation or other special reason (be specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *1* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *2* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *3* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents such combination being obvious to a person skilled in the art
- *4* document member of the same patent family

Date of the actual completion of the International search 16 November 2004	Date of mailing of the International search report 23/11/2004
Name and mailing address of the ISA European Patent Office, P.O. 8516 Patenten 2 NL - 2200 HV Rijswijk Tel. (+31-70) 340-3040, Tx. 31 651 004 01 Fax: (+31-70) 340-3016	Authorized officer Bassanini, A

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International Application No

PCT/US2004/022964

C/(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 397 886 A (MOS ROBERT J ET AL) 14 March 1995 (1995-03-14) abstract column 1, line 7 - column 2, line 36 column 3, line 53 - column 5, line 47 column 8, line 34 - line 50	6,14,15
A	EP 0 380 377 A (URBA 2000) 1 August 1990 (1990-08-01) abstract column 1, line 1 - column 6, line 41 column 8, line 28 - column 9, line 16	9,20
A	US 2003/019927 A1 (MISTRY PRADIP ET AL) 30 January 2003 (2003-01-30) abstract paragraph '0002! - paragraph '0011! paragraph '0020! - paragraph '0027! figures 1,6	9,20
A	US 4 778 983 A (USHIKUBO KOHEI) 18 October 1988 (1988-10-18) the whole document	9,20
A	US 5 550 360 A (MURAOKA YOSHINORI) 27 August 1996 (1996-08-27) column 1, line 38 - line 64 column 2, line 51 - column 5, line 64 figures 1,2	1-20

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Information on patent family members

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